

- (ii) said center tube defining a center tube flow passageway and a center tube end port; said center tube flow passageway extending between and in fluid communication with said center tube end port and said second liquid flow port;
 - (A) said center tube projecting outwardly from said end of said outer tube;
- (b) one of a spin-on canister filter and a bowl-cartridge filter operably connected to said filter head; said filter head being capable of receiving, separately, both a spin-on canister filter and a bowl-cartridge filter; said one having a single piece housing defining an interior and a cartridge filter operably oriented within said housing interior; said cartridge filter including a region of filter media and a non-removable inner liner;
 - (i) said filter having a filter threaded region threadably engaged to said outer tube threaded region to define a threaded connection;
 - (A) said threaded connection having a cross-sectional thickness no greater than 10 mm;
 - (ii) said filter being in liquid flow communication with said outer tube end port and said center tube end port;
- (c) a first seal arrangement; said first seal arrangement oriented to form a first seal to inhibit leakage between said outer tube flow passageway and said filter; and
- (d) a second seal arrangement; said second seal arrangement oriented to form a second seal to inhibit leakage between said center tube flow passageway and said filter.

20. A liquid filter assembly according to claim 19 wherein:

- (a) said filter comprises a bowl-cartridge filter;
 - (i) said housing being re-usable; and
 - (ii) said cartridge filter being selectively replaceable within said housing.

21. A liquid filter assembly according to claim 19 wherein:

- (a) said filter threaded region is on an interior portion of said housing; and
- (b) said outer tube threaded region is on an exterior portion of said outer tube.

22. A liquid filter assembly according to claim 19 wherein:
 - (a) said filter comprises a spin-on canister filter;
 - (i) said housing being single-use; and
 - (ii) said cartridge filter being permanently, and non-replaceably mounted within said housing.
23. A liquid filter assembly according to claim 22 wherein:
 - (a) said filter threaded region is on a baffle plate; and
 - (b) said outer tube threaded region is on an exterior portion of said outer tube.
24. A liquid filter assembly according to claim 19 wherein:
 - (a) said cartridge filter includes a cylinder of pleated filter media defining an open filter interior;
 - (i) said center tube extending into said open filter interior.